



AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS

COMMITTEE CORRESPONDENCE

June 5, 2007

Address Reply to

Win Stebbins, Chairman
Technical Committee on Environmental Design
Michigan DOT Design Division
P.O. Box 30050 Lansing, Michigan 48909

The Spring 2007 meeting of the AASHTO Technical Committee on Environmental Design was held May 7-11, 2007 at Harbor Springs, hosted by the Michigan DOT. 13 members and 6 presenters attending are listed at the end, as are the Final Agenda and current membership addresses and duties. The theme of the field trips and some presentations was Transportation and Conservation Easements: Public Use of Both.

Jim McDonnell reported for AASHTO, telling of last week's SCOH Executive Meeting where many items of interest to TCED were discussed: They ask member input on how to address Context Sensitive Solutions within AASHTO, offering three scenarios:

- 1) Special CSS Committee with 24-30 members, with TCED, Geometrics, and ____ to be named as members from SCOD;
- 2) High Level CSS Policy Group with 8-12 members;
- 3) Integrate CSS through all existing committees, don't segregate since already integrated thus no special committee required; or
- 4) Other ideas.

The current high-level AASHTO CSS Task Force has 12-15 currently active, plus 15 others loosely participating. SCOH requested every Subcommittee and TC review and comment on this CSS Work Plan, and report back for decision at SCOH's Fall 2007 meeting. TCED will make input to SCOD's June meeting. (TCED asks: will the draft CSS Work Plan options be distributed by E-Mail to TCs? Not received by May 30.)

The Standing Committee on Research met at SCOH last week and gave their list of funded research for 2008. In a change for future annual Calls for Research, all TCs will now submit their Research requests through their Subcommittee (SCOD for us) for prioritization before submittal rather than TCs individually submit directly to SCOR.

Jim also reported SCOH reaffirmed that the future Chair of each Technical Committee must be a member of the parent Subcommittee. He reported that for Hydrology and Hydraulics to comply, Mike Fazio, next Chair of the TCHH, has been appointed by Utah's Engineer of Design as one of their three allowed Utah DOT members on SCOD (Utah's Hydraulics is in Design) as TCHH's way to comply with (a work-around) the

SCOH rule regarding TC Chairs. TCED members discussed a better option for TCED's multi-disciplined membership (Design Engineers, Landscape Architects, NEPA) would be for SCOD to directly Appoint the Elected Chair of TCED as a non-voting member of SCOD; this could also apply to H&H, Pavements, and VE since they too have TC Members from multiple areas of DOTs, not just working in Design.

Jim also reported on draft findings of the small Group reviewing the current SCOD organization; they want to increase communication with all Technical Committees, want SCOD to have some role in oversight of TCs and activities, and are discussing possibly having each TC present a 2-hour breakout session at the June 2008 SCOD meeting. Apparently they have decided that SCOD should NOT break up TCs, nor require each TC and members to meet in conjunction with the June 2008 SCOD annual meeting. This review group will report at SCOD's June 2007 meeting. TCED will report on SCOD's non-existent use of E-Mail, letter, and telephone, at least with TCED the past 5 years.

Jim will re-send us instructions for using the AASHTO Portal for posting material for TCED members' use or for public viewing.

Barbara Bauer was attending her first TCED meeting, and reported on activity at FHWA. One item mentioned: FHWA is wondering why there is such a diverse view of CSS around the country, and FHWA wonders how best to present CSS's Need, Definition, and Implementation. There is much activity in CSS posted at the AASHTO Center for Environmental Excellence's website www.environment.transportation.org. Barbara will write minutes beginning with the October 2007 meeting.

Keith Robinson was attending his first TCED meeting, and reported on the NCHRP Consultant rewrite of the 1991 Landscape Design Guide, and on TCED's expected role in reviewing the material at the same time as submitted to the NCHRP Guidance group. TCED's first review is expected this June or July, then another (maybe the 2nd and last) review in May-June 2008. Keith will send the electronic text submittal to each member on TCED, and we will have no more than 2-3 weeks for returning our individual comments to Keith. Keith encouraged us to seek the review of others (LAs, Maintenance, Operations, etc) in our DOTs, but we should please coordinate their responses into a single timely response from each member of TCED back to Keith. Jeff Caster is also on the NCHRP Guidance Group for this rewrite, expected to become an on-line document. TCED will be the group recommending Adoption of the rewritten AASHTO Guide for SCOD and AASHTO Balloting.

Tom Bailey, Executive Director of the Little Traverse Conservancy www.landtrust.org, told about Land Conservancies and Conservation Easements. LTC's protected properties in Michigan's northern lower and eastern upper peninsulas provide green space along State Trunklines and County Roads; many LTC properties do not have driveways or parking spaces off the adjacent road. Unlike lands protected by The Nature Conservancy, LTC allows a broader array of local reasons (public access, vistas, ____ in addition to nature) for purchasing properties to protect them than only

'nature reasons'. MDOT reported that the LTC and similar protected properties require no additional attention from MDOT maintenance or operation staff, but the properties benefit motorists and residents by their preserved nature and reduced or eliminated development potential. Visit the Land Trust Alliance www.LTA.org to find various Land Trusts or Conservancies in your state.

Tuesday afternoon's field trip included a guided tour of a 1993 reclaimed industrial site outside Petoskey with five miles of Lake Michigan shoreline that previously contained limestone quarries, cement manufacturing, and shipment by boat. It now has been turned into a multi-billion dollar residential, recreational, and business development called Bay Harbor. www.bayharbor.com

Wednesday morning's PowerPoint programs presented by MDOT were of the Detroit River International Crossing planning study and EIS being done jointly with Ontario, Transport Canada, and FHWA; MDOT's Prescribed Fire Burns to enhance wildflowers; the USFS Permit to allow MDOT to plow drifting sand all summer off US-2 pavement and shoulders along the top of Lake Michigan; and Michigan's 'Quad Four' rest area buildings with the tile floor showing the state outline and all five Great Lakes. Contact information is:

DRIC Mohammed Alghurabi. alghurabim@michigan.gov 517 373-7674
 Fire Burns Ulri Zay zayu@mighigan.gov 517 373-0749
 Plowing Summer Sand Dave Schuen schuend@michigan.gov 517 373-3075
 Rest Area Buildings Bob Zelski zelskir@michigan.gov 517 241-3211

Keith Robinson led additional discussion about TCED's review of working drafts of the Landscape Guide, and answered questions from the group. His suggestions for TCED review were accepted by TCED membership.

TCED discussion about our preferences for the future of CSS within AASHTO came to these preliminary preferences (not listed in any preference order); one or more to be presented by TCED to SCOD's June 2007 annual meeting:

- 1) Integrate CSS into all AASHTO Subcommittees and Technical Committees, do not create a new separate CSS Subcommittee. All Subcommittees and TCs should own the CSS Process, with everyone responsible for implementation by involving Stakeholders early, often, and continuous on all DOT road, bridge, and other projects from Crack Sealing to Resurfacing to Reconstruction to New Routes.
- 2) Whatever group is established must include both Chief Engineers and Grass Root CSS Practioners. Integration without discussion will not prove beneficial because Chief Engineers need to be educated on benefits of CSS, as some practioners say they are frustrated because their Supervisors or Chief Engineers will not allow the CSS Process component to be implemented due to unknown outcomes. The current poor state of many DOT's finances does not encourage much new discussion with the Public; DOTs are concerned that the public will ask that costly non-pavement and non-bridge items be constructed with the planned work.

- 3) The CSS solution needed now in 2007/08 hopefully will no longer be needed in 5-10 years. AASHTO and FHWA need to work together, plus work with Universities so future DOT employees come already knowing the CSS Process.
- 4) Make CSS a Requirement in the strengthened NexTEA legislation. SAFETEA-LU and predecessors have *allowed* the use of CSS, not mandated its use. If CSS is left an option, CSS will not be implemented nationwide for a long time.
- 5) State and National DOT Awards for CSS Process create staff and DOT pride in submitting CSS efforts, even if not selected. Market the efforts of each State and Local DOT. Prove the economics and Public Satisfaction, and others will follow using CSS. DOT's should encourage City and County Transportation Agencies to also use CSS; CSS isn't just for State DOTs.
- 6) Combining parts of above: AASHTO should assign CSS to all Subcommittees throughout AASHTO to be a meeting topic for the next 3 years, and to most TC's (CSS might not be totally appropriate for some TCs like Pavements); work with FHWA on training and benefits; and strengthen CSS application in NexTea. While all this is going on 'under the surface', AASHTO, FHWA, and State DOT Execs should keep mentioning and championing CSS at their DOT and at every conference and gathering, in word, projects, and awards.

TCED members asked to review TCED's annual input to SCOD next month, especially the CSS preferences and the wording pertaining to members electing their next TCED Chair. Both items will be shared in draft form with members for review before submittal.

TCED discussion about possible Future Discussion and/or Research Topics included:
 Stormwater, NPDES, BMP's, Bio-Remediation, Rain Gardens (retain stormwater rather than pass it)
 Delivering CSS Training, Keeping CSS Alive by Executive Talk and Staff Action, and broadening CSS application to County and City Transportation Agencies
 Green Highways, LEED, DOTs using Recycled Materials for mentioned uses and outcomes, using solar or wind power for specified uses and outcomes, no-flush urinals, bio-fuels, ____

Dan Stewart presented two recent programs/projects from PennDOT: Reduced Bridge Widths on Low Volume Roads, and 4(f) Streamlining consisting of a Categorical Exclusion for No Negative Impact when Net Public Benefit is identified.

www.dotdom2.state.pa.us/ceea/ceeamain.nsf

Pete Hanes, MDOT Manager of the Heritage Route Program (called Scenic Byways in some states) told of Michigan's three sub-designations for Historic Routes: Scenic, Historic, and Recreational. The 15 marked Heritage Routes vary in length from 1.5 to 200 miles, and total 700 miles of MDOT's 10,000 mile State Trunkline system. All were established by local grass-root efforts upward to MDOT (generally a 3 to 5 year process). Michigan's Heritage Routes combine Land Use and Transportation Use in a single set of written Goals and Management Plans. The Scenic designation is used to help justify different (lower) design standards and Design Exceptions.

Pete then described the citizen effort to designate 20 miles of narrow M-119 north of Harbor Springs as a Historic Route, the Management Plan that resulted, <http://nwm.org/downloads/m119plan.pdf>, and introduced Dr. Henry Singer who is a resident along M-119 and was on the original designation committee. Dave Langhorst, MDOT Planner in MDOT's North Region, told of MDOT's small role as a member of the Citizens Steering Committee for M-119. All three answered questions of the group. The committee has installed interpretive signs using site-appropriate lettering.

Heritage Routes: Pete Hanses hansesp@michigan.gov 517 335-2934
 M-119: Dave Langhorst langhorstd@michigan.gov 989 731-5090 x345

Other States said they too have Scenic Byways, but not initiated by citizens or led by Citizens Steering Committees that MDOT is only a member of. Vermont uses Corten box beam guardrail along their two designated Scenic Highways, and Pennsylvania has designs to accommodate Amish buggies and scooters on widened paved shoulders.

Wednesday afternoon's field trip was along M-119 north of Harbor Springs, a designated Heritage Route due to its earlier history as an Indian trail and its current 16'-18' width winding through trees left at the edge of the pavement that does not contain a centerline for 18 crooked miles north to Cross Village. A baked-on brown coating is used over galvanized guardrail where installed at the infrequent locations. We then visited the Mackinac Bridge cable anchorage house, and US-2 along the Lake Michigan shoreline where snowplows are used in the summer to remove drifting sand under recent USFS Permit.

Returning to Mackinaw City, we visited two wind turbine generators on city property (www.mackinawcity.org) that each generate 900 kw energy to the electrical grid, enough to supply the required energy of the village's winter population. Instead of directly using this generated electricity, the city receives lease payments for sale to the grid. Each tower is 235 feet tall topped by a 10'x20' generator unit with aircraft warning light; plus an additional 80' height of the three rotating blades. After dinner, our concluding stop was the Pellston airport (PLN) built in 2003 to resemble a Northern Michigan Lodge, where the public walks in the door and straight to the first-floor or second-floor windows plane-side, while outgoing screened passengers are kept in a birch tree etched glass small enclosed holding area before boarding one of two jetways. Family members can wave to them through the plain glass on the 2nd floor public area.

The next meeting of TCED will be October 1-4, 2007 in Willmington Vermont, staying at the White House Inn www.whitehouseinn.com. Maryland will host us in Spring 2008 and Idaho in Fall 2008. One of the Vermont Agenda Items will be Election of a New Chair of TCED, in line with the SCOD and SCOH rules, since the Vermont meeting will be my last before my retirement from MDOT and TCED. TCED Members should be considering who you desire to lead you, for how long, and if/how the Elected Chair can fit into one of the existing or a future SCOD interpretation of Qualifications for Chair of any Technical Committee if we are not successful in requesting our TCED Chair automatically become a non-voting member of SCOD.

TCED currently has one vacancy in Region 3. Jim McDonnell advertised two Region 3 vacancies on TCED in Spring 2007 a second time, and only one applicant's name was received. Jim will check on the TCED membership status of Chris Dacus of Hawaii who wants to be a member of TCED but has very limited travel funds to attend our twice-yearly meetings. Until notified differently, we continue to include Chris in our TCED messages.

These minutes will be posted on the TCED portion of the AASHTO website, in addition to E-Mail distribution to members. I expect that Barbara Bauer will assume writing future TCED minutes, improving on my last two attempts.

Win Stebbins
Chair, TCED
Engineer of Design Services
Michigan DOT
517 373-2246

cc: CarolAnn Wicks, Chair, SCOD carolann.wicks@state.de.us
Mark Van Port Fleet, Engineer of Design, MDOT
TCED Members
Dave Henderson, Chair, TC on H&H

TCED Members Attending May 7-10, 2007 in Michigan:

Greg Akers	West Virginia
Barbara Bauer	FHWA Washington DC
Karen Coffman	Maryland
Susan Knudson	Georgia
Shane Marshall	Utah
Jim McDonnell	AASHTO Washington DC (Tues only)
John Narowski	Vermont
Keith Purvis	Mississippi
Keith Robinson	California
Tim Stark	Wyoming
Win Stebbins	Michigan
Dan Stewart	Pennsylvania
Greg Vitley	Idaho

Guests Attending and/or Presenting:

Bob Zelski	Michigan DOT
Pete Hanes	Michigan DOT
Gail Deans	Michigan DOT
Dave Langhorst	Michigan DOT
Tom Bailey	Little Traverse Conservancy
Dr. Henry Singer	M-119 Heritage Route Citizens Group

TCED Members not able to attend:

Phillip Bell	New York
Jeff Caster	Florida
Chris Dacus	Hawaii
Louis Feagans	Indiana
Tim Hill	Ohio

TCED Members and Vacancies by AASHTO Region:

Region 1:	MD, NY, PA, VT	
Region 2:	FL, GA, MS, WV	
Region 3:	IN, MI, OH	1 vacancy
Region 4:	CA, ID, UT, WY	possibly also HA?
FHWA and AASHTO		



**Technical Committee on Environmental Design
Meeting in Harbor Springs, Michigan May 7-10, 2007
Transportation and Conservation Easements: Public Use of Both**

Monday May 7 arrival; MDOT pickups at Pellston & Traverse City airports
7p dinner at Boyne Highlands dining room after 6:30p Pellston arrivals

Tuesday May 8

7a breakfast buffet in Boyne Highlands dining room
8a meeting begins in adjacent building, 3 minute outside walk
Welcome, self introductions, new members, retirements, 2 vacancies Win
Learning about Michigan, and MDOT Win
AASHTO report Jim McDonnell
SCOD June 2007 in Vt, new on-line bookstore, CSS location in AASHTO,
Requirements for Next TCED Chair, SCOD org discussions, _____,
FHWA report Barbara Bauer
TCED business:
TCED actions regarding SCOD rules on new Chairs Win and Tim Stark
NCHRP Synthesis 361: Visualization 70 pg, by Phil Bell & Scott Bradley
NCHRP rewrite of Landscape Guide, & how our TCED review will occur
Summary of responses from HNTB on-line & phone interviews?
Expected Chapter Headings; expected review schedule Keith R
Possible future NCHRP research topics from TCED
TCED items to SCOD June 2007: did anyone volunteer? For 2008?
How to coordinate TCED interests with other TC's on mutual topics
Rain Gardens w/ Hydraulics; ____ w/ ____;
Green Highways Initiative: LEED (Leadership in Energy & Envir Design),
DOTs building/buying/using recycled; stormwater; lighting levels;
Safety vs Ecology; _____;
Will Green Highways spread nationwide?
Other TCED topics: _____, _____

9:30 break

9:45 Topics/Presentations by TCED Members:
W Va Environmental Streamlining, esp RTE and Mussels Greg Akers
PennDOT: Reduced Bridge Widths on Connector and Local Roads Dan Stewart
& Streamlined Programmatic Section 4(f) checklist process
MDOT Topics: Stormwater Powerpoint, (10 minutes)
website www.michigan.gov/stormwatermgt & click on DOT the Drop
Landscaping by Trimming/Removal to allow views from road Bob Zelski, LA
MDOT's CSS Program: past and future activities Win
DRIC and Blue Water International Bridges Customs/Toll Plazas Win
other MDOT topics & speakers: _____, _____

- Heritage Route Program: Coordinating Land Use and Transportation with communities Pete Hanses, Heritage Route Program Manager
- 10:30 Conservation Easements: to whom, MDOT involvement, public benefits, maint, Tom Bailey, Director, Little Traverse Conservancy
Experience of other DOTs with Conservation Easements (which DOTs?)
12 min video of Bay Harbor redevelopment of limestone quarry and cement plant
- 12 noon Lunch in Boyne Highlands Snowflake Lounge
- 12:45 van tour of scenic US-31 to Charlevoix past LTC Ownerships & Easements, 20-mile bike path, successful removal of Nuclear Plant on Lake Michigan, restoration of old train stations, Round Lake Marina, Petoskey City Hall
Bay Harbor reclamation of former cement plant and limestone quarry, Bay View, Roaring Brook boardwalk and cottages into Harbor Springs
- 5:30 - 7p Dinner at Walstrom Marine, Board Room, catered by Island Bean (Pam)
- 8pm return to Boyne Highlands (darkness will be about 9 pm EDT)
if time allows, we might drive part of M-119

Wednesday May 9

- 7a breakfast buffet at Boyne Highlands dining room
- 8a meeting begins in adjacent building, 3 minute outside walk
Additional discussion about TCED review of Landscape Guide rewrite
Other TCED business: Kitty: \$675 sent from Wyo to Mich
Next TCED meeting: Oct 1-4, 2007 in Wilmington, Vermont
When to elect new Chair; whose rules? What if we elect a wrong person?
- 9:30 break
- 9:45 Additional TCED member topics: any CSS news, Green Highways, ____, ____
Member Interest in Possible Future Topics
Other MDOT topics & speakers: new 'Local Roads' option to replace failed Petoskey Bypass, to reserve/preserve transportation corridors;
Summer snow plowing US-2 sand dunes & T&E plants in USFS ROW
Dave Schuen, Endangered Species Specialist
MDOT's Prescribed Fire Program Ulri Zay, Natural Features Coord.
- 10:45 Michigan's Scenic Byways Program,
& Protecting M-119 as a Scenic Highway, with strong public support
Pete Hanses, Heritage Route Program Manager,
and Henry Singer, interested local Citizen
- 11:45 Invitation to TCED's next meeting, Oct 1-4, 2007 in Vermont John N
- 12 noon Lunch at Boyne Highlands Snowflake Lounge
- 12:45 vans depart for M-119, Cross Village and Mackinaw City
- 2:30p arrive Mackinaw City; activities somewhat dependent on time and weather
vans cross Mackinac Bridge to tour Cable Anchorages of suspension bridge
Drive US-2 for 30 minutes along Lake Michigan shore to Cut River Bridge

Visit 2 Wind Generators in Mackinaw City; State Park Visitor Center built under Mackinaw Bridge

- 6p dinner at Audies Restaurant in Mackinaw City
visit Pellston Airport enroute home
- 9p return to Boyne Highlands (darkness will be about 9 pm EDT)

Thursday May 10

- 7a Breakfast buffet at Boyne Highlands dining room
Check Out
- 8a Concluding TCED meeting, and rides to Pellston and Traverse City Airports

**AASHTO Technical Committee on Environmental Design
Meetings Since 1990**

		Michigan	September 10-11, 1990
California	April 29-30, 1991	Missouri	October 28-29, 1991
Oregon	July 16-17, 1992		
South Carolina	March 1-2, 1993	Delaware	October 4-5, 1993
Minnesota	June 23-24, 1994		
Wyoming	March 30-31, 1995	West Virginia	October 16-17, 1995
Pennsylvania	May 6-7, 1996	Missouri	October 15-16, 1996
Utah	May 13-14, 1997	Michigan	October 20-22, 1997
Delaware	April 26-28, 1998	Vermont	October 4-6, 1998
California	March 10-12, 1999	Wyoming	October 3-5, 1999
(Arizona	Spring, Not Held)	South Carolina	September 24-26, 2000
Missouri	April 22-24, 2001	Pennsylvania	Sept. 30 – Oct. 2, 2001
Utah	April 3-5, 2002	Michigan	October 2-4, 2002
North Carolina	April 9-11, 2003	New York	October 8-10, 2003
Minnesota	May 12-14, 2004	West Virginia	October 20-22, 2004
Mississippi	May 2-5, 2005	New Mexico	October 17-20, 2005
Florida	April 17-20, 2006	Wyoming	October 2-5, 2006
Michigan	May 7-11, 2007	Vermont	will be October 1-4, 2007
Maryland	Spring 2008	Idaho	Fall 2008

TECHNICAL COMMITTEE ON ENVIRONMENTAL DESIGN MEMBERSHIP INFO

TCED Members' Mailing Address, Phone, Fax, E-Mail

June 5, 2007

Win Stebbins
Michigan Department of Transportation
Design Division
P.O. Box 30050
Lansing, Michigan 48909
Phone (517) 373-2246
Fax (517) 335-2731
Email stebbinsw@michigan.gov

Timothy L. Stark
Wyoming Department of Transportation
5300 Bishop Boulevard
Cheyenne, Wyoming 82009-3340
Phone (307) 777-4379
Fax (307) 777-4193
Email Timothy.Stark@dot.state.wy.us

John Narowski
Vermont Agency of Transportation
National Life Building, Drawer #33
Montpelier, Vermont 05633
Phone (802) 828-5265
Fax (802) 828-2334
Email john.narowski@state.vt.us

Daniel B. Stewart
Pennsylvania Dept. of Transportation
P.O. Box 3161
Harrisburg, Pennsylvania 17105-3161
Phone (717) 787-0456
Fax (717) 705-2379
Email danistewar@state.pa.us

Philip Bell
New York Department of Transportation
Office of Design
50 Wolf Road
Albany, New York 12232-0412
Phone (518) 485-8219
Fax (518) 457-0303
Email pbell@dot.state.ny.us

Keith Purvis
Mississippi Dept. of Transportation
P.O. Box 1850
Jackson, Mississippi 39215-1850
Phone (601) 359-7257
Fax (601) 359-7063
Email kpurvis@mdot.state.ms.us

Karen Coffman
Highway Hydraulics Division, C-201
Maryland State Highway Administration
707 North Calvert Street
Baltimore, Maryland 21202
Phone (410) 545-8407
Fax (410) 209-5031
Email kcoffman@sha.state.md.us

Greg Vitley
Environmental Manager, District 3
Idaho Transportation Department
P.O. Box 8028
Boise, Idaho 83707
Phone (208) 334-8952
Fax (208) 334-8917
Email greg.vitley@itd.idaho.gov

Jeff Caster
Environmental Management Office
Florida Department of Transportation
605 Suwannee Street, MS 37
Tallahassee, Florida 32399-0450
Phone (850) 414-5267
Toll Free (866) 374-3368 x 5267
Fax (850) 414-4443
Email jeff.caster@dot.state.fl.us

Greg Akers
West Virginia Division of Highways
1900 Kanawha Boulevard East
Building 5, Room A-450
Charleston, West Virginia 25305
Phone (304) 558-9663
Fax (304) 558-7269
Email gakers@dot.state.wv.us

Susan Knudson
Office of Environment/Location
Georgia Department of Transportation
3993 Aviation Circle
Atlanta, Georgia 30134
Phone (404) 699-4407
Fax (404) 699-4440
Email susan.knudson@dot.state.ga.us

Tim Hill
Ohio Department of Transportation
1980 West Broad Street, 3rd Floor
Columbus, Ohio 43223
Phone (614) 644-0377
Fax (614) 728-7368
Email tim.hill@dot.state.oh.us

Shane Marshall
Utah Department of Transportation
4501 South 2700 East
P.O. Box 148450
Salt Lake City, Utah 84114-8450
Phone (801) 965-4384
Fax (801) 965-4564
Email smarshall@utah.gov

Keith Robinson
Principal Landscape Architect
California Department of Transportation
Landscape Architecture Program
1120 N Street MS-28
Sacramento, CA 95814
Phone (916) 654-6200
Fax (916) _____
Email keith_robinson@dot.ca.gov

Chris Dacus
Hawaii Department of Transportation
Landscape Architect
601 Kamokila Blvd, Rm 600
Kapolei Hawaii 96707
Phone (808) 692-7600
Fax (808) 692-7608
Email christopher.a.dacus@hawaii.gov

Louis Feagans
Design Project Management
Indiana DOT
100 N Senate Ave, Room N642
Indianapolis IN 46204
Phone (317) 232-5332
Fax (317) 233-4929
Email lfeagans@indot.IN.gov

Barbara Bauer
Federal Highway Administration, HIPA
400 7th Street, SW
Washington, D.C. 20590
Phone (202) 366-1317__??
Fax (202) 366-3988
Email barbara.bauer@fhwa.dot.gov

Jim McDonnell
AASHTO
444 North Capitol Street, NW
Suite 249
Washington, DC 20001
Phone (202) 624-5448
Fax (202) 624-5469
Email jimm@ashto.org

Current TCED Membership = 17 or 18
by AASHTO Region:
Region 1: MD, NY, PA, VT
Region 2: FL, GA, MS, WV
Region 3: IN, MI, OH
Region 4: CA, ID, UT, WY HA?
FHWA & AASHTO
1 Vacancy: Region 3

AASHTO TCED Members' Work Areas

June 5, 2007

Greg Akers West Virginia DOT
N Environmental Analyst
 NEPA Project Manager
 Streams, wetlands, freshwater
 mussels

Barbara Bauer FHWA Washington DC
D Pre-Construction Engineer

Phillip Bell New York State DOT
LA Landscape Architect
 CAD Visualization Manager,
 CSS Leader

Jeff Caster Florida DOT
LA State Transportation Landscape
 Architect since 1993
 CSS Coordinator

Karen Coffman Maryland DOT
LA Registered Landscape Architect
 Hydraulics and Stormwater Design
 NPDES work

Chris Dacus Hawaii DOT
LA Registered Landscape Architect

Louis Feagans Indiana DOT
D Design Project Management

Tim Hill Ohio DOT
N Admin, Office of Environmental
 Services, NEPA
 Chair, SCOE TC on Envir Process

Susan Knudson Georgia DOT
N Asst Environmental Administrator
 NEPA, Public Involvement

Shane Marshall Utah DOT
N Environmental Engineer
 Environmental Program Manager
 NEPA, had 10 yrs Road Design

Jim McDonnell AASHTO, Wash DC
 AASHTO Liaison to TCED

John Narowski Vermont AOT VTrans
N Environmental Services Engineer
 Manages all Cultural & Natural
 resource assessments

Keith Purvis, PE Mississippi DOT
D Roadway Design Engineer
 Wetland Permits
 SCOD member

Keith Robinson Caltrans
LA Principal Landscape Architect

Tim Stark Wyoming DOT
N Environmental Engineer
 Environmental Services Manager
 previously 14 yrs Design Engineer

Win Stebbins, PE Michigan DOT
D Design Services Engr since 1995
 (Quality Assurance, Lettings)
 also 15 yrs NEPA Environmental
 Mitigation, 5 yrs Route Location

Dan Stewart Pennsylvania DOT
D Engineer, Design Quality
 Assurance
 Environmental work w/ Proj Devel
 Heads CSS for PennDOT

Greg Vitley Idaho Transportation Dept
N Senior Environmental Planner
 NEPA, NPDES, MS4, Air Quality
 Conformity

Current TCED Membership = 18
1 Vacancy: Region 3
May 30, 2007

Current TCED Membership = 18

by AASHTO Region:

Region 1: MD, NY, PA, VT

Region 2: FL, GA, MS, WV

Region 3: IN, MI, OH

Region 4: CA, HA, ID, UT, WY

FHWA & AASHTO

Membership by Discipline:

5 Design Engineers D

5 Landscape Architects LA

7 NEPA-related N

1 Liaison

Vacancies:

Region 3: 1 vacancy